

GENITOURINARY MEDICINE

Editor: A Mindel

President MSSVD: J R W Harris

Hon Sec MSSVD: M Godley

Assistant Editor: C A Carne

Assistant Editor, Abstracts: C Sonnex

G Bird
L Corey
R A Coutinho
B A Evans
D J Jeffries
F Judson
C J N Lacey
J M A Lange

A G Lawrence
A Méheus
R S Pattman
P Piot
M Stanley
D Taylor-Robinson
I V D Weller
L Weström

H Young
A J Zuckerman
H zur Hausen

Editor
British Medical Journal

Technical Editor: Kenneth Till

This *Journal*, founded by the Medical Society for the Study of the Venereal Diseases, publishes original work on the investigation and treatment of genitourinary and allied disorders, and review articles, correspondence, and abstracts.

Advice to authors Papers for publication, which will be accepted on the understanding that they have not been and will not be published elsewhere and are subject to editorial revision, should be sent in duplicate to Dr A Mindel, Academic Department of Genitourinary Medicine, James Pringle House, Middlesex Hospital, London W1N 8AA. All authors must give signed consent to publication. Submitted papers must be accompanied by the following statement, signed by all the authors: "No paper resembling the enclosed article has been or will be published except in *Genitourinary Medicine*. We transfer all copyright ownership to *Genitourinary Medicine*." Manuscripts will only be acknowledged if a stamped addressed postcard or international reply coupon is enclosed. Rejected papers will not be returned. Figures will be returned if requested at the time of submission.

Full details of requirements for manuscripts in the Vancouver style (*BMJ* 1982;284:1766-70) are given in *Uniform requirements for manuscripts submitted to biomedical journals*, available from the Publishing Manager, *British Medical Journal*, BMA House (50p post free). Briefly details are as follows:

- (1) *Scripts (including correspondence and book reviews)* must be typewritten on one side of the paper in double spacing with ample margins. Two copies should be sent.
- (2) *Each script* should include, in the following order: a brief summary (structured summaries are preferred), typed on a separate sheet, outlining the main observations and conclusions; the text divided into appropriate sections; acknowledgements; references; tables, each on a separate sheet; and legends for illustrations.
- (3) *The title* of the paper should be as brief as possible.
- (4) *The number of authors* should be kept to the minimum, and only their initials and family names used.
- (5) *Only the institution(s)* where work was done by each author should be stated.
- (6) *SI units* must be used. If old fashioned units are used, SI units should be given in parentheses or, for tables and figures, a conversion factor given as a footnote.
- (7) *Only recognised abbreviations* should be used.
- (8) *Acknowledgements* should be limited to workers whose courtesy or help extended beyond their paid work, and supporting organisations.
- (9) *Figures* should be numbered in the order in which they are first mentioned in the text. Captions should be typed on a separate sheet. *Diagrams*: use thick, white paper and insert lettering lightly in pencil. *Photographs*: should be marked lightly on the back with the author's name and indicating the top, and should not be attached by paper clips or pins. They should be trimmed to include only the relevant section (and will be reproduced 68 or 145 mm wide) to eliminate the need for reduction. Photomicrographs must have internal scale markers. Radiographs should be submitted as photographic prints, carefully prepared so that they bring out the exact point to be illustrated.
- (10) *Tables* should be numbered, have titles, and be typed on separate sheets. Please avoid large tables and use the format which appears in current issues.

(11) *References* should be numbered consecutively the first time they are cited and identified by arabic numbers in the text, tables, and legends to figures. Authors must take full responsibility for the accuracy of their references, and the list should be kept as short as practicable. It should be in the order in which references are first mentioned, and should include (in the following order), *journals*: author's name and initials, title of paper, name of journal (in full or abbreviated according to the list in *Index Medicus*), year of publication, volume number, and first and last page numbers; *books*: author's name and initials, full title, edition, place of publication, publisher, and year of publication. When a chapter in a book is referred to, the name and initials of the author of the chapter, title of the chapter, "In:", name and initials of the editor, and "ed" should precede book title, etc as above. In references to journals or books, when there are seven or more authors the names of the first three should be given followed by "*et al.*" Names of journals no longer published or not in *Index Medicus* should be given in full — for example, *British Journal of Venereal Diseases*.

Proofs Contributors receive one proof, and should read it carefully for printers' errors and check the tables, figures, legends, and any numerical, mathematical, or other scientific expressions. Alterations should be kept to a minimum.

Reprints A limited number of reprints may be ordered at cost from the Publishing Manager when the proofs are returned.

Notice to subscribers This Journal is published bimonthly. The annual subscription rates are £112.00 and \$196 in the USA. Subscribers may pay for their subscriptions by Access, Visa, or American Express by quoting on their orders the credit or charge card preferred, the appropriate personal account number, and the expiry date of the card. Orders should be sent to the Subscriptions Manager, *Genitourinary Medicine*, BMA House, Tavistock Square, London WC1H 9JR. Orders can also be placed locally through any leading subscription agent or bookseller. (For the convenience of readers in the USA, subscription orders, with or without payment, can be sent to: *British Medical Journal*, Box 560B, Kennebunkport, Maine 04046. All inquiries, however, including those regarding air mail rates and single copies already published, should be addressed to the publisher in London.)

Second class postage paid, Rahway NJ Postmaster. Send address changes to: *Genitourinary Medicine* c/o Mercury Airfreight International Ltd Inc, 2323 Randolph Avenue, Avenel, NJ 07001, USA.

Notice to advertisers Applications for advertisement space and for rates should be addressed to the Advertisement Manager, *Genitourinary Medicine*, BMA House, Tavistock Square, London WC1H 9JR.

Copyright © 1991 by *Genitourinary Medicine*. This publication is copyright under the Berne Convention and the International Copyright Convention. All rights reserved. Apart from any relaxations permitted under national copyright laws, no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means without the prior permission of the copyright owners. Permission is not, however, required to copy abstracts of papers or of articles on condition that a full reference to the source is shown. Multiple copying of the contents of the publication without permission is always illegal.

ferent from those usually found in clinically apparent lesions. Alternatively, such lesions may be produced by mechanisms entirely different from infection with HPV. The fact that the authors, along with others,⁸ noted that penoscopic abnormalities occurred commonly at sites of likely epithelial trauma during intercourse, may be relevant. The finding that males with a long contact history had a lower incidence of abnormalities might be consistent with the observations that older genital HPV lesions contain fewer viral particles than fresher lesions⁹ and are less infectious.² It could be postulated that men who have had long term contact with women infected with HPV are, at the time of sampling, being exposed to a small viral load, and so are possibly less likely to have penile abnormalities attributable to HPV infection.

It is unfortunate that the men did not undergo full testing for other sexually transmitted diseases, for example, a urethral smear to detect non-gonococcal urethritis and syphilis and HIV serology. Furthermore, the finding that none of the men carried *Chlamydia trachomatis* in the urethra suggests that the population sampled was an unusual one. Several reports^{10,11} suggest that other infectious agents exist often in a large proportion of those with condylomata acuminata, and co-infection has been postulated to affect the natural history of HPV infections.¹²

The observation of a much greater correlation between histological criteria and the detection of HPV DNA in meatal and distal urethral biopsy specimens than elsewhere was interesting. This may be related to the fact that the epithelium in the meatus and urethra is perhaps more akin to some areas of the cervix, where more experience has been gained in interpreting histological changes. Most interesting of all was the observation that HPV DNA was not found in histologically normal skin. This is in agreement with our findings in a series of penile biopsies that did not show histological evidence of HPV infection (unpublished). HPV DNA was detected using the PCR in only 1 (3%) of 35 biopsies. This is in contrast to the findings in the female genital tract, where HPV may be detected in histologically normal tissue¹³ and suggests that the epidemiology of HPV in men may be fundamentally different.

Penoscopy undoubtedly has a role in attempting to understand the epidemiology of HPV infections. However, in view of the limitations of sensitivity and specificity highlighted by Hippeläinen *et al*, enthusiastic calls for its widespread introduction into routine clinical practice¹⁴ should be treated with caution. More disturbing are the recommendations of some authors⁴ for extensive ablation of penoscopically abnormal areas. In view of the considerable anxiety already suffered by some of these patients, we prefer to wait for the results of further carefully controlled studies to determine the value of penoscopy before offering it routinely.

RJ HILLMAN

M BOTCHERBY

D TAYLOR-ROBINSON

Division of Sexually Transmitted Diseases,
Clinical Research Centre,
Watford Rd, Harrow HA1 3UJ, UK

- Hippeläinen M, Yliskoski M, Saarikoski S, Syrjänen S, Syrjänen K. Genital human papillomavirus lesions of the male sexual partners: the diagnostic accuracy of penoscopy. *Genitourin Med* 1991;67:291-6.
- Oriel JD. Natural history of genital warts. *Br J Venereal Dis* 1971;47:1-13.
- Boon ME, Schneider A, Hogewoning CJA, van der Kwast TH, Bolhuis P, Kok LP. Penile studies and heterosexual partners: penoscopy, cytology, histology and immunocytochemistry. *Cancer* 1988;1:1652-9.
- Epperson WJ. Preventing cervical cancer by treating genital warts in men: why male sex partners need androscopy. *Postgrad Med* 1990;88:229-36.
- Carpiniello V, Schlecker B, Sedlacek TV, Malloy T, Cunnane M, Wein AJ. Magnified penile surface scanning in diagnosis of penile condyloma. *Urology* 1986;28:190-2.
- Campion MJ, McCance DJ, Mitchell HS, Jenkins D, Singer A, Oriel JD. Subclinical penile human papillomavirus infection and dysplasia in consorts of women with cervical neoplasia. *Genitourin Med* 1988;64:90-9.
- Gross G, Ikenberg H, Gissmann L, Hagedorn M. Papillomavirus infection of the anogenital region: correlation between histology, clinical picture, and virus type. Proposal of a new nomenclature. *J Invest Dermatol* 1985;85:147-52.
- Krebs H-B, Schneider V. Human papillomavirus-associated lesions of the penis: colposcopy, cytology and histology. *Obstet Gynecol* 1987;70:299-304.
- Vardy DA, Baadsgaard O, Hansen ER, Lisby S, Vejlsøgaard GL. The cellular immune response to human papillomavirus infection. *Int J Dermatol* 1990;29:603-10.

- Carne CA, Dockerty G. Genital warts: need to screen for coinfection. *BMJ* 1990;300:459.
- Griffiths M, Overington LJ, Chard SC. Genital warts and the need for screening. *Genitourin Med* 1989;65:399.
- Kinghorn GR. Genital warts: incidence of associated genital infections. *Br J Dermatol* 1978;99:405-9.
- Ferenczy A, Mitao M, Nagai N, Silverstein SJ, Crum CP. Latent papillomavirus and recurring genital warts. *New Eng J Med* 1985;313:784-9.
- Pfenninger JL. Androscopy: a technique for examining men for condyloma. *J Fam Pract* 1989;29:286-8.

NOTICES

Organisers of meetings who wish to insert notices should send details to the editor (address on the inside front cover) at least eight months before the date of the meeting or six months before the closing date for applications.

18th World Congress of Dermatology—New York, 12-18 June 1992

The next (18th) World Congress of Dermatology will take place in New York City from 12-18 June 1992. "Dermatology—Progress and Perspectives" is the theme of the 6 day programme, focusing on the most recent advances and important issues in worldwide dermatology, and future directions in research and therapy. The Congress will provide a stimulating educational experience and a unique opportunity for dermatologists to interact with colleagues from all over the world.

John S Strauss has been named President of the Congress, and Stephen I Katz will serve as the Secretary General. Honorary Presidents are Rudolf L Baer and Clarence S Livingood. Alan R Shalita is the Deputy Secretary General.

The preliminary programme, abstract forms, and registration materials can be obtained from the 18th Congress Secretariat, 22 Euclid Street, Woodbury, NJ 08096, USA.

Royal College of Obstetricians & Gynaecologists

The 26th British Congress of Obstetrics & Gynaecology will take place at the University of Manchester Institute of Science and Technology, Manchester, England from 7–10 July 1992. Information available from BCOG Secretariat, 65 West Drive, Cheam, Sutton, Surrey, SM2 7NB, UK.

The Medical Society for the Study of Venereal Diseases (MSSVD) Undergraduate Prize — Regulations

- 1 A prize of £150.00, to be called the MSSVD Undergraduate Prize, will be awarded annually by the MSSVD (provided an entry of a suitable standard is received).
- 2 Entries for the prize will take the form of a report written in English.
- 3 The subject of the report should be related to sexually transmitted disease, genitourinary medicine, or human immunodeficiency virus (HIV) related infection.
- 4 The report should concern original and unpublished observations made by the entrant. The report, which should not exceed 2000 words, should include an introduction to the subject, methods used to make the observations, findings, and discussion. A summary of the report should also be provided on a separate sheet. Entries must be machine or type written, with double spacing, on one side only of A4 paper. Three copies must be submitted.
- 5 The subject must be approved by a genitourinary physician at the entrant's medical school. The observation must be made before full registration. A winner may not enter for the prize again. Each entry should be accompanied by a declaration that these conditions have been fulfilled.
- 6 Entries should be submitted to the honorary secretary of the MSSVD by June 30 each year. They will then be considered by the president, the honorary secretary, and the honorary treasurer. When appropriate other experts may be consulted. These assessors will make recommendations to council, who will make the final decision concerning the prize.
- 7 Entries must be submitted within 12 months of full registration or its equivalent.
- 8 Regulations are obtainable from the honorary secretary of the MSSVD.
- 9 The assessors may ask the editor of an appropriate journal to consider an entry for publication. If so, it will be received for publication in the usual way.

ASSESSORS

The Editor thanks the following for their help in assessing submitted papers in 1991.

JP Ackers
MW Adler
JF Alderete
Jane Anderson
D Barlow
S Barton
G Bird
R Brettle
CA Carne
PL Chiodini
CSF Easmon
J Emslie
BA Evans
M Fitzgerald
R Fitzgerald
Greta E Forster
N Gill
RN Gruneberg
Alison L Harris
M Harrison
GJ Hart
Anne Hawkins
J Halton
RJ Hay

Barbara Hedge
D Hicks
Cathy A Ison
D Jenkins
Anne M Johnson
F Judson
J Kani
D Katz
R Keenyside
GR Kinghorn
Val Kitchen
Gabiella Kocjan
CJN Lacey
R Lane
JMA Lange
AG Lawrence
GM Levine
D Mabey
K McAdam
A Meheus
Danielle E Mercey
R Miller
EJC Milroy
Pat E Munday

S Myint
S Newman
D Oriel
RS Pattman
P Piot
J Richens
G L Ridgway
I Roit
GR Scott
A Silverstone
NP Smith
Margaret F Spittle
J Stanford
R Staunton
D Taylor-Robinson
N Thin
Shamil Wanigaratne
D Warhurst
MA Waugh
IVD Weller
A Peter Wilson
DJ Wright
HB Young

INDEX TO VOLUME 67, 1991

Page numbers preceded by (L) refer to Letters, and by (MA) to Matters Arising.

ABSCESSES, PROSTATIC

Multiple, presenting with urethral discharge, 411

ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS). See also HUMAN**IMMUNODEFICIENCY VIRUS**

Disseminated histoplasmosis treated with itraconazole, 342

Evidence for a change in behaviour among heterosexuals in Amsterdam, 199

Feedback from the Sixth International AIDS Conference, San Francisco 1990, 162

Feedback from the Seventh International AIDS Conference, Florence 1991, 503

Fournier's gangrene of scrotum, 339

Genitourinary medicine and the NHS Act: will contracting arrangements lead to contracted services? 10

Metastatic cerebral lymphoma, (*Clinico-pathological conference*) 284

Palliation: where do we draw the line? (*Editorial*) 85

Premature bullous pulmonary damage, (*Clinico-pathological conference*) 4

Trends in sexual behaviour and HIV testing among women presenting at a genitourinary medicine clinic, 194

ADLER MW. See BENTLEY C, 10

ADOLESCENTS

Chlamydia trachomatis in sexually active teenage girls.

Factors related to genital chlamydial infection: A prospective study, 317

Sexuality: role of genitourinary medicine, 44

ADULT RESPIRATORY DISTRESS SYNDROME

Complicating *P carinii* pneumonia, (*Clinico-pathological conference*) 250

AFRICA. See also individual countries

Regional Conference (Seventh) on STD, 351

Southern: syphilis serology in patients with primary syphilis and non-treponemal STD, 129

AIDS. See ACQUIRED IMMUNE DEFICIENCY SYNDROME

ALAWATTEGAMA AB: Choosing equipment for colposcopy in genitourinary medicine, (MA) 74

ALAWATTEGAMA AB, HICKS D: Should training in colposcopy be obligatory in higher specialist training in genitourinary medicine? (L) 427

ALDERETE JF, NEWTON E, DENNIS C, ENGBRING J, NEALE KA: Vaginal antibody of patients with trichomoniasis is to a prominent surface immunogen of *Trichomonas vaginalis*, 220

ALDERETE JF, NEWTON E, DENNIS C, NEALE KA: Antibody in sera of patients infected with *Trichomonas vaginalis* is to trichomonad proteinases, 331

ALDERETE JF, NEWTON E, DENNIS C, NEALE KA: The vagina of women infected with *Trichomonas vaginalis* has numerous proteinases and antibody to trichomonad proteinases, 469

ALLASON-JONES E. See RIDGWAY GL, 268

ALLAY GEL

Treatment of genital herpes, (L) 431

AMSTERDAM

Evidence for a change in behaviour among heterosexuals under the influence of AIDS, 199

Gist-Brocades Travelling Fellowship, 1990, 425

ANCELLE-PARK R. See CHAN-CHEE C, 173

ANDERSON J, GEORGE RJD, WELLER IVD, LUCAS SB, MILLER RF: Complications of treatment for cryptosporidial diarrhoea, (*Clinico-pathological conference*) 156

ANAL INTERCOURSE

Risk factor for anal papillomavirus infection in women? 464

ANOGENITAL WARTS. See CONDYLOMATA ACUMINATA**ANUS. See also ANAL INTERCOURSE**

Factors associated with clinical and sub-clinical HPV infection in homosexual men, 92

HPV infection: a comparative study of cytology, colposcopy and DNA hybridisation as methods of detection, 21

ARBORIO M. See LIND I, 107

ARUMAINAYAGAM JT. See BATTU V, 520

AYYAGIRI A. See KUMAR B, 47

AZNAR J. See RODRIGUEZ-PICHARDO A, 335

BACTERIA, ANAEROBIC

Isolation from bubo associated with chancroid, 47

BAKAYA V. See KUMAR B, 47

BAKKER M. See MULDER JW, 188

BALLARD RC. See SISCHY A, 129

BANKS A. See RUCK FE, 431

BAR-SHANY S. See SAMRA Z, 133

BARLOW D. See GILL S, 15

BARLOW M, JAYAWEEERA DT, WADE AA, WALZMAN M: Laboratory techniques for the diagnosis of chlamydia infections, (MA) 522

BARTLETT K. See DOMINGUE PAG, 226

BARTON SE. See BOAG FC, 481; DANIELS DG, 519; KELL PD, 342

BATEMAN NT. See GILL S, 15

BATTU V, ARUMAINAYAGAM JT, MCCLEAN AN: Comparison of ofloxacin with oxytetracycline in the treatment of non-gonococcal urethritis in men, (L) 520

BAUMGARDNER DJ: Gastrointestinal obstruction associated with *Chlamydia trachomatis*, (MA) 73

BELGIUM

Declining trends in some STDs between 1983 and 1989, 374

BENTLEY C, ADLER MW: Genitourinary medicine, AIDS and the NHS Act: will contracting arrangements lead to contracted services? 10

BENTZON MW. See LIND I, 107

BIGNELL CJ. See ROGSTAD KE, 73

BINGHAM JS. See MCGOWAN I, 70; RADCLIFFE KW, 41; RIDGWAY GL, 268

BIRD AG: Techniques used in clinical immunology, 49

BJERRING P. See PETERSEN CS, 99

BLAAKAER J. See PETERSEN CS, 99

BOAG FC, DILLON AM, CATALAN J, EDWARDS R, BARTON SE: Assessment of psychiatric morbidity in patients attending a colposcopy clinic situated in a genitourinary medicine clinic, 481

BOAG FC, HOUANG ET, WESTROM R, MCCORMACK SM, LAWRENCE AG: Comparison of vaginal flora after treatment with a clotrimazole 500 mg vaginal pessary or a fluconazole 150 mg capsule for vaginal candidosis, 232

BOAG FC. See also DANIELS DG, 519

BOLTON VN. See GREEN J, 207

BOND RA. See EVANS BA, 194

BONERANDI JJ. See GROB JJ, 18

BOOK REVIEWS

BAUN-FALCO O, FLEWIG G, et al: *Dermatology*, (1991) 357

CSONKA GW, OATES JK, eds: *Sexually Transmitted Diseases. A*

- Textbook of Genito-Urinary Medicine*, (1990) 274
- FISK P: *Learning Genito-Urinary Medicine and HIV Disease through MCQ*, (1990) 76
- GILLENWATER JY *et al*, eds: *Adult and Pediatric Urology 2nd ed*, (1991) 435
- GROSS G, *et al*, eds: *Genital Papillomavirus Infections: Modern Diagnosis and Treatment (International Symposium...Hamburg, 1989)*, 434
- HARRIS JRW, FORSTER SM, eds: *Recent Advances in Sexually Transmitted Diseases and AIDS*, (1991) 273
- KING AC, KING AJ: *Strong Medicine. Doctors at Home and Abroad*, (1990) 76
- LATIF AS, MURTAGH K: *Sexually Transmitted Diseases*, (Slide set), 436
- McMILLAN A, SCOTT GR: *Sexually Transmitted Diseases—Colour Aids*, 435
- MINDEL A, CARNEY O: *Herpes—What it is and how to cope*, (1991) 273
- MITCHEL D, WOODCOCK A, eds: *AIDS and the Lung*, (1990) 75
- MORSE SE, MORELAND AA, THOMPSON SE, eds: *Atlas of Sexually Transmitted Diseases*, (1990) 356
- MROCKOWSKI TF: *Sexually Transmitted Diseases (Topics in Clinical Dermatology)*, (1990) 357
- SCHWEFEL D, *et al*, eds: *Economic Aspects of AIDS and HIV Infection*, (1990) 434
- BOR R, ELFORDE J, CAMPBELL L, SALT H, MILLER R, MURRAY D, JOHNSON M: Changing patterns in the workload of a district HIV/AIDS counselling unit 1987-90, 235
- BORCHARDT KA, SMITH RF: An evaluation of an InPouch™ TV culture method for diagnosing *Trichomonas vaginalis* infection, 149
- BORGHI S. *See* MASSONE L, 272
- BOROBIO MV. *See* RODRIGUEZ-PICHARDO A, 335
- BOTCHERLEY M. *See* HILLMAN RJ, 522
- BOTTLAENDER M. *See* LE FAOU AE, 429
- BOWENOID PAPULOSIS
Extra-anogenital, related to HPV16, 18
- BREITENECKER G. *See* GITSCH G, 478
- BRUNET J-B. *See* CHAN-CHEE C, 173
- BUCKLEY M. *See* MURPHY M, 339
- BUISSON Y. *See* LIND I, 107
- BULGARIA
Endemic syphilis, (L) 428
- BUSHELL TEC. *See* HOVENDEN JL, 270
- BYGDEMAN SM. *See* POH CL, 389
- CABRE M. *See* SAVALL R, 353
- CAMACHO F. *See* RODRIGUEZ-PICHARDO A, 335
- CAMEROON
HIV and chlamydial infections among prostitutes in Yaoundé, 143
- CAMPBELL L. *See* BOR R, 235
- CANDIDOSIS
Comparison of vaginal flora after treatment with clotrimazole vaginal pessary or fluconazole capsule, 232
Role of fomites, 137
- CAPTIA SYPH G EIA
Analysis of false positive reactions, 408
- CARCINOMA
Squamous cell, of the penis and previous recurrent balanitis: case report, 153
Transitional cell, primary, of the anterior urethra: a rare presentation, 244
- CARDIOMYOPATHY
Dilated, HIV-associated, (*Clinico-pathological conference*) 453
- CARNE CA: Workshop report: promoting sexual health, 350
- CARNE CA. *See also* ROWEN D, 460
- CATALAN J. *See* BOAG FC, 481
- CATHERINE THE GREAT OF RUSSIA, 1729-96, and syphilis, 498
- CEFTRIAXONE
Failure of single dose in donovanosis (granuloma inguinale), (L) 269
- CEREBRAL LYMPHOMA
Metastatic, (*Clinico-pathological conference*) 284
- CERVIX UTERI
C. trachomatis infection: survey of management, 41, (MA) 433
HPV Type 16 infection: comparison of DNA and major capsid protein detection, 87
Increased incidence of cytological abnormalities in women with genital warts or contact with genital warts, 460
Is a test of cure necessary following treatment for *C. trachomatis* infection? (MA) 272
Neoplasia and HPV infection in prostitutes, 478
Preliminary evaluation of "Clearview Chlamydia" for the rapid detection of chlamydial antigen, 120
- CHAN-CHEE C, DE VINCENZI I, SOLE-PLA M-A, ANCELLE-PARK R, BRUNET J-B: Use and misuse of condoms, (L) 173
- CHANCROID
Isolation of anaerobes from bubo, 47
- CHANDIOK S. *See* LACEY H, 356
- CHATTOPADHYAY B: Syphilis and the elderly, (L) 270
- CHAUDHRY AK. *See* SEHGAL VN, 348
- CHLAMYDIA TRACHOMATIS
And HIV infections among prostitutes in Yaoundé, Cameroon, 143
And *N. gonorrhoeae* infections in Strasbourg: incidence over 8 years, (L) 428
Cervical infection: survey of management, 41, (MA) 433
Detection: value of urine samples from men with non-gonococcal urethritis, 124
Detection in urinary samples from women, 117
Detection in urogenital specimens by polymerase chain reaction, 211
Detection of antigen in cervical secretions: preliminary evaluation of "Clearview Chlamydia", 120
Gastrointestinal obstruction, (MA) 73
In sexually active teenage girls. Factors related to genital chlamydial infection: a prospective study, 317
Is a test of cure necessary following treatment for cervical infection? (MA) 272
Laboratory techniques for the diagnosis of infections, 256, (MA) 522
Screening in a Turkish population, (L) 354
Seroar distribution of urogenital isolates in Germany, 114
Solid phase immunoassay, (L) 268
- CHLOROUS ACID RELEASING GEL
Treatment of genital herpes, (L) 431
- CHOKHAVATIA S. *See* ZEMTSOV A, 432
- CHOLANGITIS, SCLEROSING
Rapidly following anti-HIV-1 seroconversion, 239
- CHOW AW. *See* DOMINGUE PAG, 226
- CLOTTRIMAZOLE
Vaginal pessary, or fluconazole capsule for vaginal candidosis: comparison of vaginal flora after treatment, 232
- COETZEE KD. *See* O'FARRELL N, 322, 327
- COKER DM, GRIFFITHS LR: Moraxella urethritis mimicking urethritis (L) 173
- COLLINS M. *See* RASHID S, 137
- COLPOSCOPY
Assessment of psychiatric morbidity in patients attending a clinic situated in a genitourinary medicine clinic, 481
Choosing equipment, (MA) 74, 75
Training: obligatory in higher specialist training in genitourinary medicine? (L) 427

CONDOMS

Use and misuse, (L) 173

CONDYLOMATA INTERNATIONAL COLLABORATIVE STUDY GROUP: A comparison of interferon alfa-2a and podophyllin in the treatment of primary condylomata acuminata, 394

CONDYLOMATA ACUMINATA *See also* HUMAN PAPILLOMAVIRUS

Anal, extensive recalcitrant, treated by Nd:Yag laser, (L) 432
Choosing equipment for treatment in genitourinary medicine clinics, 413

Comparison of interferon alfa-2a and podophyllin, 394

Increased incidence of cervical cytological abnormalities in women, 460

Multiple persistent: systemic interferon alpha-2b increases the cure rate in laser treated patients, 99

Podophyllotoxin—is it user friendly? (L) 174

Subcutaneous interferon alpha 2a combined with cryotherapy vs cryotherapy alone in primary anogenital warts, 297

COOPER P. *See* ROWEN D, 460

CORDERY M. *See* GILL S, 15

CORR J. *See* MURPHY M, 339

COSSART YE. *See* LAW CLH, 92; 464

COSTERTON JW. *See* DOMINGUE PAG, 226

COURTNEY G, ESTREICH S, FORSTER GE: Sexual assault of men: a series, (MA) 175

COUTINHO RA. *See* HOOYKAAS C, 378; MULDER JW, 188; VAN DEN HOEK JAR, 303; VAN HAASTRECHT HJA, 199

CREDE, Carl, 1819-1892, 67

CRITCHLOW CW. *See* HILLIER SL, 26

CRYOTHERAPY

Alone or combined with subcutaneous interferon alpha 2a in primary anogenital warts, 297

CRYPTOSPORIDIAL DIARRHOEA

Complications of treatment, 156, (MA) 433

CUMBERLAND N. *See* DANIELS DG, 519

da L'EXPOSTO F. *See* SISCHY A, 129

DAN M. *See* SAMRA Z, 133

DANGOR Y. *See* SISCHY A, 129

DANIELS DG, BARTON SE, BOAG FC, CUMBERLAND N: Heterosexual transmission of HBV in Caucasians attending a genitourinary medicine clinic, (L) 519

DEBUYSSCHER R. *See* KAPTUE L, 143

DECLERCQ E. *See* WALKIERS D, 374

de JONG MD, HULSEBOSCH HJ, LANGE JMA: Clinical, virological, and immunological features of primary HIV-1 infection, 367

DENCER C. *See* MCGOWAN I, 70

DENNIS C. *See* ALDERETE JF, 220, 331, 469

DERELI D. *See* ERTEM E, 354

DE SILVA PA. *See* JEBAKUMAR SPR, 271

DE SILVA Y, WALZMAN M, SHAHMANESH M: The value of serum TPHA titres in selecting patients for lumbar puncture, 37

DE VINCENZI I. *See* CHAN-CHEE C, 173

DIARRHOEA *See* CRYPTOSPORIDIAL DIARRHOEA

DILLON AM. *See* BOAG FC, 481

DINSMORE WW. *See* HANDLEY JM, 297

DJOUMESSI S. *See* KAPTUE L, 143

DOMINGUE PAG, SADHU K, COSTERTON JW, BARTLETT K, CHOW AW: The human vagina: normal flora considered as an in situ tissue-associated, adherent biofilm, 226

DONAGHY M. *See* ZEMAN A, 345

DONOVANOSIS (GRANULOMA INGUINALE)

Diagnosis and treatment, 441

Failure of single dose ceftriaxone, (L) 269

HLA antigens, 400

Rapid stain for diagnosis, (MA) 271

DRUG USERS

Male: homosexual prostitution and its risk for HIV infection, 303

Prevalence of sexually transmitted pathogens among women attending a methadone clinic in Israel, 133

Sexually transmissible diseases in injecting drug users, 32

DRZONEK H. *See* NAHER H, 211

DUERDEN BI. *See* JONES BM, 268

DUGGAN C. *See* GIBB DM, 363

DUNCAN ME, REIMANN K, TIBAUX G, PELZER A, MEHARI L, LIND I: Seroepidemiological study of gonorrhoea in Ethiopian women 1. Prevalence and clinical significance, 485; 2. Socioeconomic picture, 493

EASMON CSF. *See* ISON CA, 307

EDINBURGH

Patterns of homosexually acquired gonococcal serovars 1986-90, 312

EDWARDS JM. *See* PHILPOT CR, 384

EDWARDS R. *See* BOAG FC, 481

ELFORD J. *See* BOR R, 235

ENGBRING J. *See* ALDERETE JF, 220

ENGELKENS HJH, VUZEVSKI VD, TEN KATE FJW, VAN DER HEUL P, VAN DER SLUIS JJ, STOLZ E: Ultrastructural aspects of infection with *Treponema pallidum* subspecies *pertenue* (Pariaman strain), 403

ERTEM E, DERELI D, SERTER D, YUCE K: Screening for *Chlamydia trachomatis* in a Turkish population, (L) 354

ESCHENBACH DA. *See* HILLIER SL, 26

ESTREICH S. *See* COURTNEY G, 175

ETHIOPIAN WOMEN

Seroepidemiological study of gonorrhoea 1. Prevalence and clinical significance, 485, 2. Socioeconomic picture, 493

ETHNICITY

Risk factor for STDs and sexual behaviour among heterosexuals, 378

EVANS BA, McCORMACK SM, BOND RA, MACRAE KD: Trends in sexual behaviour and HIV testing among women presenting at a genitourinary medicine clinic during the advent of AIDS, 194

FAZLUDDIN CM. *See* MADHOK R, 520

FEHLER HG. *See* SISCHY A, 129

FERNANDO JJR, WANAS TM: Primary transitional cell carcinoma of the anterior urethra: a rare presentation, 244

FERNANDO JJR, WANAS TM: Squamous carcinoma of the penis and previous recurrent balanitis: a case report, 153

FERRIS DG: Cervical infection with *Chlamydia trachomatis*, (MA) 433

FINTSI Y. *See* SAMRA Z, 133

FLUCONAZOLE

Capsule, or clotrimazole vaginal pessary for candidosis: comparison of vaginal flora after treatment, 232

FORSTER GE. *See* COURTNEY G, 175

FOURNIER'S GANGRENE OF SCROTUM in a patient with AIDS, 339

FROM E. *See* PETERSEN CS, 99

GASTROINTESTINAL OBSTRUCTION

Associated with *C trachomatis*, (MA) 73

GAZZARD BG. *See* KELL PD, 342

GEARY I. *See* JONES BM, 268

GENITAL ULCER DISEASE

In men in Durban, South Africa, 327

In women in Durban, South Africa, 322

GENITAL WARTS *See* CONDYLOMATA ACUMINATA

GENITOURINARY MEDICINE

AIDS and the NHS Act: will contracting arrangements lead to contracted services? 10

Colposcopy training, (L) 427

Role in adolescent sexuality, 44

GENITOURINARY MEDICINE CLINICS

Assessment of psychiatric morbidity in patients attending a colposcopy clinic, 481

Choosing equipment for colposcopy, (MA) 74, 75

District: hospital or community site? (L) 520

Guidance for the planning and design, (MA) 272

Heterosexual transmission of HBV in Caucasians, (L) 519

Value of performing biopsies, (MA) 73, 175

GEORGE RJD: Community care of people with late stage HIV infection, (Editorial) 185

GEORGE RJD: Palliation in AIDS - where do we draw the line? (Editorial) 85

GEORGE RJD. *See also* ANDERSON J, 156; McGOWAN I, 420

GERMANY

Serovar distribution of urogenital *C trachomatis* isolates, 114

GIBB DM, DUGGAN C, LWIN R: The family and HIV, (Editorial) 363

GIBSON PE. *See* GREEN J, 207; LACEY CJN, 87

GILCHRIST C. *See* HAY PE, 124

GILL MJ: Serotyping *Neisseria gonorrhoeae*: a report of the Fourth International Workshop, 53

GILL S, TANG A, CORDERY M, SPACEY B, KELLY G, BATEMAN NT, BARLOW D: The effects of twice and four times daily zidovudine on p24 antigenaemia in CDC stage II/III patients, 15

GILL SK, GILSON RJC, RICKARDS D: Multiple prostatic abscesses presenting with urethral discharge, 411

GILROY CB. *See* HAY PE, 124

GILSON RJC. *See* GILL SK, 411; MILLER RF, 453

GIST-BROCADES TRAVELLING FELLOWSHIP, 1990, 425

GITSCH G, KAINZ Ch, REINTHALLER A, KOPP W, TATRA G, BREITEN-ECKER G: Cervical neoplasia and human papilloma virus infection in prostitutes, 478

GOLD J. *See* ROSS MW, 32

GONOCOCCUS. *See also* NEISSERIA GONORRHOEA

Patterns of homosexually acquired serovars in Edinburgh 1986-90, 312

GONORRHOEA

Seroepidemiological study in Ethiopian women 1. Prevalence and clinical significance, 485, 2. Socioeconomic picture, 493

GOUDSMIT J. *See* MULDER JW, 188

GRACE J. *See* LAW CLH, 92

GRAINGER R. *See* MURPHY M, 339

GRANULOMA INGUINALE *See* DONOVANOSIS

GREECE, ANCIENT

Sexual attitudes, preferences and infections, 59

GREEN J, MONTEIRO E, BOLTON VN, SANDERS P, GIBSON PE: Detection of human papillomavirus DNA by PCR in semen from patients with and without penile warts, 207

GREEN S. *See* MADHOK R, 520

GRIFFITHS LR. *See* COKER DM, 173

GROB JJ, ZAROUR H, JACQUEMIER J, HASSOUN J, BONERANDI JJ: Extra-anogenital HPV16-related bowenoid papulosis, 18

GUIBOURDENICHE M. *See* LIND I, 107

GUPTA R. *See* KUMAR B, 146; SEHGAL VN, 348

GUTHE T, WAUGH M: Professor Axel Perdrup 1911-1990, (Obituary) 172

GUTMAN R. *See* SAMRA Z, 133

HAEMOPHILUS DUCREYI

Susceptibility to spermicidal compounds in vitro, (L) 268

HAGDRUP H. *See* PETERSEN CS, 99

HAGE C. *See* MILLER RF, 453

HAMMOND M. *See* O'FARRELL N, 400

HANDLEY JM, HORNER T, MAW RD, LAWTHORP H, DINSMORE WW: Subcutaneous interferon alpha 2a combined with cryotherapy vs cryotherapy alone in the treatment of primary anogenital warts: a randomised observer blind placebo controlled trial, 297

HARCOURT CL. *See* PHILPOT CR, 384

HARRIS JRW. *See* HILLMAN RJ, 73; TOMLINSON DR, 103

HARRISON MJ. *See* HUGHES-DAVIES L, 284

HASSOUN J. *See* GROB JJ, 18

HAY PE, THOMAS BJ, GILCHRIST C, PALMER HM, GILROY CB, TAYLOR-ROBINSON D: The value of urine samples from men with non-gonococcal urethritis for the detection of *Chlamydia trachomatis*, 124

HEPATITIS B VIRUS (HBV)

Heterosexual transmission in Caucasians attending a genitourinary medicine clinic, (L) 519

HERPES GENITALIS

Rising incidence in an STD clinic in North India, (L) 353

Treatment with chlorous acid releasing gel, (L) 431

HERPES SIMPLEX VIRUS

Preventing neonatal infection? (Editorial) 1, (MA) 356

HICKS DA: Choosing equipment for colposcopy in genitourinary medicine, (MA) 75

HICKS DA. *See also* ALAWATTEGAMA A, 427

HIDRADENITIS SUPPURATIVA: Clinical vignette, 58

HILLIER SL, CRITCHLOW CW, STEVENS CB, ROBERTS MC, WOLNER-HANSEN P, ESCHENBACH DA, HOLMES KK: Microbiological, epidemiological and clinical correlates of vaginal colonisation by *Mobiluncus* species, 26

HILLMAN RJ, BOTCHERLEY M, TAYLOR-ROBINSON D: Genital human papillomavirus lesions of the male sexual partners: the diagnostic accuracy of peniscopy, (MA) 522

HILLMAN RJ, HARRIS JRW, WALKER MM: Value of performing biopsies in genitourinary clinics, (MA) 73

HILLMAN RJ. *See also* TOMLINSON DR, 103

HIPPALAINEEN M, YLISKOSKI M, SAARIKOSKI S, SYRJANEN S, SYRJANEN K: Genital human papillomavirus lesions of the male sexual partners: the diagnostic accuracy of peniscopy, 291

HISTOPLASMOSIS

Disseminated, in an AIDS patient treated with itraconazole, 342

HIV. *See* HUMAN IMMUNODEFICIENCY VIRUS

HLA ANTIGENS in donovanosis (granuloma inguinale), 400

HOLMES KK. *See* HILLIER SL, 26

HOMOSEXUAL MEN

Factors associated with clinical and sub-clinical anal HPV infection, 92

Gonococcal serovar patterns in Edinburgh 1986-90, 312

Prostitution among male drug users and its risk for HIV infection, 303

STD prevalence in Seville, Spain, 335

HOOSSEN AA. *See* O'FARRELL N, 322, 327

HOOPYKAAS C, VAN DER VELDE FW, VAN DER LINDEN MMD, VAN DOORNUM GJJ, COUTINHO RA: The importance of ethnicity as a risk factor for STDs and sexual behaviour among heterosexuals, 378

HOUANG ET. *See* BOAG FC, 232

HORNER T. *See* HANDLEY JM, 297

HOVENDEEN JL, BUSHELL TEC: Molluscum contagiosum: possible culture misdiagnosis as herpes simplex, (L) 270

HUGHES-DAVIES L, SPITTLE M, HARRISON MJ, LUCAS SB, MILLER RF: Metastatic cerebral lymphoma, (Clinico-pathological conference) 284

HULSEBOSCH HJ. *See* de JONG MD, 367

HUMAN IMMUNODEFICIENCY VIRUS (HIV). *See also* ACQUIRED IMMUNE DEFICIENCY SYNDROME

Acute infection presenting with neurogenic urinary reten-

- tion, 345
 And AIDS district counselling unit: changing patterns in workload, 1987-90, 235
 And chlamydial infections among prostitutes in Yaoundé, Cameroon, 143
 Antiviral chemotherapy for retinitis in infected patients, (MA) 72
 Community care of people with late stage infection, (*Editorial*) 185
 Dilated cardiomyopathy, (*Clinico-pathological Conference*) 453
 Effects of twice and four times daily zidovudine on p24 antigenaemia in CDC stage II/III patients, 15
 Encephalopathy presenting as hypomania (*Clinico-pathological conference*) 420
 Homosexual prostitution among male drug users and its risk for infection, 303
 Infection and syphilis, (L) 353
 Infection in Tirupati, India, (L) 427
 Natural history of infection, (MA) 71
 Preventing sexual transmission: Workshop report, 350
 Survey of female prostitutes at risk of infection, 384
 The family (*Editorial*) 363
 Type 1: clinical, virological and immunological features of primary infection, 367
 Type 1: sclerosing cholangitis rapidly following seroconversion, 239
 Type 1: serum B₂-microglobulin levels in asymptomatic infected subjects during long-term zidovudine treatment, 188
- HUMAN PAPILLOMAVIRUS (HPV)**
 Anal infection: comparative study of cytology, colposcopy and DNA hybridisation as methods of detection, 21
 Anal infection in homosexual men, 92
 Anal infection in women: anal intercourse as a risk factor? 464
 Correlation of antigen and type of genital warts with atypia, 146
 DNA detection by polymerase chain reaction in semen from patients with and without penile warts, 207
 Genital lesions of the male sexual partners: diagnostic accuracy of peniscopy, 291, (MA) 522
 Infection and cervical neoplasia in prostitutes, 478
 Type 16 and related extra-anogenital bowenoid papulosis, 18
 Type 16 infection of the cervix: comparison of DNA and major capsid protein detection, 87
- HYPOMANIA**
 Presentation of HIV encephalopathy, (*Clinico-pathological conference*) 420
- IMMUNOLOGY, CLINICAL**
 Techniques used, 49
- INDIA**
 HIV infection in Tirupati, (L) 427
 North: rising incidence of genital herpes in an STD clinic, (L) 353
- INTERFERON ALPHA 2a**
 Compared with podophyllin in treatment of primary condylomata acuminata, 394
 Subcutaneous injections combined with cryotherapy vs cryotherapy alone in the treatment of primary anogenital warts: randomised observer blind placebo controlled study, 297
- INTERFERON ALPHA 2b**
 Systemic administration increases the cure rate in laser treated patients with multiple persistent genital warts: placebo-controlled study, 99
- ISOLA V.** See MASSONE L, 272
- ISON CA, EASMON CSF:** Epidemiology of penicillin resistant *Neisseria gonorrhoeae*, 307
- ISRAEL**
 Prevalence of sexually transmitted pathogens among women attending a methadone clinic, 133
- ITRACONAZOLE**
 Treatment of disseminated histoplasmosis in an AIDS patient, 342
- JACOBS DS.** See YOGANATHAN S, 175
- JACQUEMIER J.** See GROB JJ, 18
- JAYAWEEERA DT.** See BARLOW M, 522
- JEBAKUMAR SPR, DE SILVA PA, MONTEIRO EF:** Sexually transmitted diseases in rape victims, (MA) 271
- JENKINS P.** See LAU RKW, 71
- JOHNSON M.** See BOR R, 235
- JONES BM, GEARY I, LEE ME, DUERDEN BI:** Susceptibility of *Haemophilus ducreyi* to spermicidal compounds, in vitro, (L) 268
- JONES BM, WILLCOX LM:** The susceptibility of organisms associated with bacterial vaginosis to spermicidal compounds, in vitro, 475
- KAINZ CH.** See GITSCH G, 478
- KAPTUE L, ZEKENG L, DJOUMESSI S, MONNY-LOBE M, NICHOLS D, DEBUYSCHER R:** HIV and chlamydia infections among prostitutes in Yaoundé, Cameroon, 143
- KELL PD, SMITH DE, BARTON SE, MIDGLEY J, SAMARASINGHE PL, GAZZARD BG:** Disseminated histoplasmosis in an AIDS patient treated with itraconazole, 342
- KELLY G.** See GILL S, 15; SONNEX C, 21
- KENNEDY RJ.** See RASHID S, 137
- KERL H.** See WOLF P, 247
- KLIMENT J.** See PEC J, 430
- KOCJAN G.** See SONNEX C, 21
- KOPP W.** See GITSCH G, 478
- KRIJNEN P.** See MULDER JW, 188
- KROSS RD.** See RUCK FE, 431
- KUMAR AG.** See LAKSHMI N, 427
- KUMAR B, GUPTA R, SEHGAL S:** Correlation of HPV antigen and type of genital warts with atypia, 146
- KUMAR B, RAJAGOPALAN M:** Rising incidence of genital herpes in an STD clinic in North India, (L) 353
- KUMAR B, SHARMA VK, BAKAYA V, AYYAGIRI A:** Isolation of anaerobes from bubo associated with chancroid, 47
- LACEY CJN, WELLS M, MACDERMOTT RIJ, GIBSON PE:** Human papillomavirus Type 16 infection of the cervix: a comparison of differing DNA detection modes and the use of monoclonal antibodies against the major capsid protein, 87
- LACEY H:** Sexually transmitted diseases in rape victims, (MA) 356
- LACEY H, CHANDIOK S, WOOLLEY P:** Preventing neonatal herpes? (MA) 356
- LAKSHMI N, KUMAR AG:** HIV infection in Tirupati, India, (L) 427
- LANGE JMA.** See DE JONG MD, 367; MULDER JW, 188
- LARSEN J.** See PETERSEN CS, 99
- LASERS**
 Nd: Yag, in treatment of extensive relucitrant anal condylomata acuminata, (L) 432
- LATIF AS:** Seventh African Regional Conference on sexually transmitted diseases, 351
- LAU RKW:** Complications of treatment for cryptosporidial diarrhoea, (MA) 433
- LAU RKW, JENKINS P, PINCHING AJ:** The natural history of human immunodeficiency virus infection, (MA) 71
- LAW CLH, QASSIM M, THOMPSON CH, ROSE BR, GRACE J, MORRIS BJ, COSSART YE:** Factors associated with clinical and sub-clinical

- anal human papillomavirus infection in homosexual men, 92
- LAW CLH, THOMPSON CH, ROSE BR, COSSART YE: Anal intercourse: a risk factor for anal papillomavirus infection in women? 464
- LAWRENCE AG. *See* BOAG FC, 232
- LAWTHER H. *See* HANDLEY JM, 297
- LAZAROVA Z. *See* PEC J, 430
- LEE ME. *See* JONES BM, 268
- LE FAOU AE, BOTTLAENDER M, TARDIEU J-C: Incidence of *Neisseria gonorrhoeae* and *Chlamydia trachomatis* infections in Strasbourg over 8 years, (L) 428
- LIND I, ARBORIO M, BENTZON MW, BUISSON Y, GUIBOURDENCHE M, REIMANN K, RIOU J-Y: The epidemiology of *Neisseria gonorrhoeae* isolates in Dakar, Senegal 1982-1986: antimicrobial resistance, auxotypes and plasmid profiles, 107
- LIND I. *See also* DUNCAN ME, 485, 493
- LOUGH H. *See* YOUNG H, 120
- LOVEDAY C. *See* MERCEY DE, 239
- LUCAS SB. *See* ANDERSON J, 156; HUGHES-DAVIES L, 284; MILLER RF, 4; SCOULAR A, 250
- LUPUS VULGARIS
- Autoinoculation, of the perineum, 348
- LWIN R. *See* GIBB DM, 363
- LYMPHOMA *See* CEREBRAL LYMPHOMA
- McCLEAN AN. *See* BATTU V, 520
- McCORMACK SM. *See* BOAG FC, 232; EVANS BA, 194
- MACDERMOTT RIJ. *See* LACEY CJN, 87
- McGOWAN I, POTTER M, GEORGE RJD, MICHAELS L, SINCLAIR E, SCARAVILLI F, MILLER RF: HIV encephalopathy presenting as hypomania, (*Clinico-pathological conference*) 420
- McGOWAN I, RADCLIFFE KW, BINGHAM JS, DENCER C, RIDGWAY GL: Non-gonococcal urethritis in men practising "safe" sex, (L) 70
- McKENNA JG. *See* YOUNG H, 120
- McMILLAN A. *See* ROSS J, 408; YOUNG H, 312
- MACRAE KD. *See* EVANS BA, 194
- MADHOK R, GREEN S, FAZLUDDIN CM: Location of district genitourinary clinic: hospital or community site? (L) 520
- MANUEL ARG. *See* WIJESURENDRA CS, 272
- MARES I. *See* SVENSSON L-O, 117
- MASSONE L, SOLARI G, ISOLA V, BORGHI S: Guidance for the planning and design of genitourinary medicine clinics, (MA) 272
- MAW RD. *See* HANDLEY JM, 297
- MEHARI L. *See* DUNCAN ME, 485, 493
- MERCEY DE, LOVEDAY C, MILLER RF: Sclerosing cholangitis rapidly following anti-HIV-1 seroconversion, 239
- MERCEY DE, MINDEL A: Preventing neonatal herpes? (*Editorial*), 1
- MERCEY DE. *See also* RADCLIFFE KW, 41
- β_2 -MICROGLOBULIN
- Serum levels in asymptomatic HIV-1-infected subjects during long-term zidovudine treatment, 188
- MICHAELS L. *See* McGOWAN I, 420; MILLER RF, 453
- MIDGLEY J. *See* KELL PD, 342
- MILLER ME. *See* ROSS MW, 32
- MILLER R. *See* BOR R, 235
- MILLER RF, GILSON R, HAGE C, SCARAVILLI F, MICHAELS L: HIV-associated dilated cardiomyopathy, 453
- MILLER RF, SEMPLE SJG, LUCAS SB: Premature bullous pulmonary damage in AIDS (*Clinico-pathological conference*), 4
- MILLER RF. *See also* ANDERSON J, 156; HUGHES-DAVIES L, 284; MILLER RF. *See also* McGOWAN I, 420; MERCEY DE, 239; SCOULAR A, 250
- MILLER SD. *See* SISCHY A, 129
- MINDEL A: Clinico-pathological conferences (*Editorial*), 3
- MINDEL A. *See also* MERCEY DE, 1; SONNEX C, 21
- MOBILUNCUS
- Microbiological, epidemiological and clinical correlates of vaginal colonisation, 26
- MOLLUSCUM CONTAGIOSUM
- Possible culture misdiagnosis as herpes simplex, (L) 270
- MONNY-LOBE M. *See* KAPTUE L, 143
- MONTEIRO EF. *See* GREEN J, 207; JEBAKUMAR SPR, 271
- MORRIS BJ. *See* LAW CLH, 92
- MORRIS DJ: Antiviral chemotherapy for retinitis in HIV-infected patients, (MA) 72
- MORTON RS: Did Catherine the Great of Russia have syphilis? 498
- MORTON RS: Sexual attitudes, preferences and infections in Ancient Greece: has antiquity anything useful for today? 59
- MOXHAM J. *See* SCOULAR A, 250
- MOYES A. *See* ROSS J, 408; YOUNG H, 120, 312
- MULCAHY FM. *See* MURPHY M, 339
- MULDER JW, KRIJNEN P, COUTINHO RA, BAKKER M, GOUDSMIT J, LANGE JMA: Serum β_2 -microglobulin levels in asymptomatic HIV-1-infected subjects during long-term zidovudine treatment, 188
- MUMTAZ G. *See* RIDGWAY GL, 268
- MUNDAY PE. *See* RUCK FE, 431
- MURPHY M, BUCKLEY M, CORR J, VINAYAGAMOORTHY S, GRAINGER R, MULCAHY FM: Fournier's gangrene of scrotum in a patient with AIDS, 339
- MURRAY D. *See* BOR R, 235
- NAHER H, DRZONEK H, WOLF J, VON KNEBEL DOEBERITZ M, PETZOLDT D: Detection of *C trachomatis* in urogenital specimens by polymerase chain reaction, 211
- NAHER H, PETZOLDT D: Serovar distribution of urogenital *C trachomatis* isolates in Germany, 114
- NATIONAL HEALTH SERVICE ACT (1990)
- Genitourinary medicine and AIDS: will contracting arrangements lead to contracted services? 10
- NEALE KA. *See* ALDERETE JF, 220, 331, 469
- NEISSERIA GONORRHOEAE
- And *C trachomatis* infections in Strasbourg: incidence over 8 years, (L) 428
- Epidemiology of isolates in Dakar, Senegal 1982-1986: antimicrobial resistance, auxotypes and plasmid profiles, 107
- Epidemiology of penicillin resistant strains, 307
- PPNG and non-PPNG isolates from Singapore, 389
- Serotyping: a report of the Fourth International Workshop, 53
- NEWTON E. *See* ALDERETE JF, 220, 331, 469
- NICHOLS D. *See* KAPTUE L, 143
- NORTHOVER JMA. *See* SONNEX C, 21
- OBERGAARD L. *See* PETERSEN CS, 99
- OBITUARIES
- Axel Perdrup 1911-1990, 172
- Alfred Ernest Tinkler 1910-1991, 267
- OCAMPO JC. *See* POH CL, 389
- ODLIND V. *See* RAHM VA, 317
- O'FARRELL N: Failure of single dose ceftriaxone in donovanosis (granuloma inguinale), (L) 269
- O'FARRELL N, HAMMOND M: HLA antigens in donovanosis (granuloma inguinale), 400
- O'FARRELL N, HOOSSEN AA, COETZEE KD, VAN DEN ENDE J: Genital ulcer disease in men in Durban, South Africa, 327
- O'FARRELL N, HOOSSEN AA, COETZEE KD, VAN DEN ENDE J: Genital ulcer disease in women in Durban, South Africa, 322
- OFLOXACIN
- Compared with oxytetracycline in non-gonococcal urethritis in men, (L) 520
- OLSSON S-E. *See* SVENSSON L-O, 117
- OPANEYE AA, WILLMOTT C: The role of genito-urinary medicine

- in adolescent sexuality, 44
- OPHTHALMIA NEONATORUM
Contribution of Carl Credé, 67
- ORIEL JD: Eminent venereologists 5: Carl Credé, 67
- OXYTETRACYCLINE
Compared with ofloxacin in non-gonococcal urethritis in men, (L) 520
- PALENCAROVA E. *See* PEC J, 430
- PALMER HM. *See* HAY PE, 124
- PARAURETHRAL DUCTS AND GLANDS, FEMALE
Sites of agents of STDs, (L) 430
- PEC J, LAZAROVA Z, KLIMENT J, PECOVA K, PALENCAROVA E: Female paraurethral ducts and glands as the sites of agents of sexually transmitted diseases, (L) 430
- PECOVA K. *See* PEC J, 430
- PELZER A. *See* DUNCAN ME, 485, 493
- PENIS
Artificial nodules and secondary syphilis: case report, 247
Recurrent periurethral abscess, (L) 70
Squamous carcinoma and previous recurrent balanitis: case report, 153
Warts: detection of HPV DNA by polymerase chain reaction in semen, 207
- PENISCOPY
Diagnostic accuracy: genital HPV lesions of the male sexual partners, 291, (MA) 522
- PEREA EJ. *See* RODRIGUEZ-PICHARDO A, 335
- PERDRUP, Axel, 1911-1990, (*Obituary*) 172
- PERINEUM
Autoinoculation lupus vulgaris, 348
- PETERSEN CS, BJERRING P, LARSEN J, BLAAKAER J, HAGDRUP H, FROM E, OBERGAARD L: Systemic interferon alpha-2b increases the cure rate in laser treated patients with multiple persistent genital warts: a placebo-controlled study, 99
- PETTERSSON R. *See* RAHM VA, 317
- PETZOLDT D. *See* NAHER H, 114, 211
- PHILPOT CR, HARCOURT CL, EDWARDS JM: A survey of female prostitutes at risk of HIV infection and other sexually transmissible diseases, 384
- PINCHING AJ. *See* LAU RKW, 71
- PIOT P. *See* WALCKIERS D, 374
- PNEUMOCYSTIS CARINII
Pneumonia complicated by adult respiratory distress syndrome, (*Clinico-pathological Conference*) 250
- PODOPHYLLIN
Compared with interferon alfa-2a in treatment of primary condylomata acuminata, 394
- PODOPHYLLOTOXIN
Is it user friendly? (L) 174
- POH CL, OCAMPO JC, SNG EH, BYGDAMAN SM: Characterisation of PPNG and non-PPNG *Neisseria gonorrhoeae* isolates from Singapore, 389
- POLYMERASE CHAIN REACTION
Detection of *C trachomatis* in urogenital specimens, 211
Detection of HPV DNA in semen from patients with and without penile warts, 207
- POTTER M. *See* MCGOWAN I, 420
- PROSTATIC ABSCESSES, MULTIPLE
Presenting with urethral discharge: case report, 411
- PROSTATITIS
Diagnosis: a review, 279
- PROSTITUTES
Cervical neoplasia and HPV infection, 478
Female, at risk of HIV and other STDs: survey, 384
HIV and chlamydia infections in Yaoundé, Cameroon, 143
Homosexual prostitution among male drug users and its risk for HIV infection, 303
Male, based in London: screening for STD, 103
- QASSIM M. *See* LAW CLH, 92
- QUEEN HF, WARD H, SMITH C, WOODROFFE C: Women's health: potential for better coordination of services, 215
- RADCLIFFE KW: Hidranenitis suppurativa (*Clinical vignette*), 58
- RADCLIFFE KW, ROWEN D, MERCEY DE, BINGHAM JS: Survey of the management of *Chlamydia trachomatis* infection of the cervix, 41
- RADCLIFFE KW. *See also* MCGOWAN I, 70
- RADEBE F. *See* SISCHY A, 129
- RAHM VA, ODLIND V, PETTERSSON R: *Chlamydia trachomatis* in sexually active teenage girls. Factors related to genital chlamydial infection: A prospective study, 317
- RAJAGOPALAN M. *See* KUMAR B, 353
- RAPE
STD in victims, (MA) 271, 356
- RASHID S, COLLINS M, KENNEDY RJ: A study of candidosis: the role of fomites, 137
- REIMANN K. *See* DUNCAN ME, 485, 493; LIND I, 107
- REINTHALLER A. *See* GITSCH G, 478
- RETINITIS
HIV-infected patients: antiviral chemotherapy, (MA) 72
- RICHENS J: The diagnosis and treatment of donovanosis (*granuloma inguinale*), 441
- RICKARDS D. *See* GILL SK, 411
- RIDGWAY GL, MUMTAZ G, ALLASON-JONES E, BINGHAM JS: Solid phase immunoassay for *C trachomatis*, (L) 268
- RIDGWAY GL. *See also* MCGOWAN I, 70
- RIOU J-Y. *See* LIND I, 107
- ROBERTS MC. *See* HILLIER SL, 26
- RODRIGUEZ-PICHARDO A, AZNAR J, CAMACHO F, BOROBIO MV, PEREA EJ: Sexually transmitted diseases in homosexual males in Seville, Spain, 335
- ROGSTAD KE, BIGNELL CJ: Sexual assault of men: a series, (MA) 73
- ROSE BR. *See* LAW CLH, 92, 464
- ROSS JDC, MOYES A, YOUNG H, McMILLAN A: An analysis of false positive reactions occurring with the Captia Syph G EIA, 408
- ROSS JDC. *See also* YOUNG H, 312
- ROSS MW, GOLD J, WODAK A, MILLER ME: Sexually transmissible diseases in injecting drug users, 32
- ROWEN D, CARNE CA, SONNEX C, COPER P: Increased incidence of cervical cytological abnormalities in women with genital warts or contact with genital warts: a need for increased vigilance? 460
- ROWEN D. *See also* RADCLIFFE KW, 41
- ROY RB. *See* SIVAPALAN S, 70
- RUCK FE, BANKS A, MUNDAY PE, KROSS RD: Treatment of genital herpes with chlorous acid releasing gel, (L) 431
- SAARIKOSKI S. *See* HIPPELAINEN M, 291
- SADHU K. *See* DOMINGUE PAG, 226
- SALT H. *See* BOR R, 235
- SAMARASINGHE PL. *See* KELL PD, 342
- SAMRA Z, DAN M, SEGEV S, FINTSI Y, BAR-SHANY S, WEINBERG M, GUTMAN R: Prevalence of sexually transmitted pathogens among women attending a methadone clinic in Israel, 133
- SANDERS P. *See* GREEN J, 207
- SAVALL R, VALLS F, CABRE M: Syphilis and HIV infection, (L) 353
- SCARAVILLI F. *See* MCGOWAN I, 420; MILLER RF, 453
- SCHOLEFIELD JH. *See* SONNEX C, 21
- SCOUAR A: Choosing equipment for treating genital warts in genitourinary medicine clinics, 413

- SCOLAR A: The Gist-Brocades Travelling Fellowship, 1990, 425
- SCOLAR A, MOXHAM J, LUCAS SB, MILLER RF: Adult respiratory distress syndrome complicating *Pneumocystis carinii* pneumonia, (*Clinico-pathological conference*) 250
- SCROTUM
Fournier's gangrene in a patient with AIDS, 339
- SEGEV S. See SAMRA Z, 133
- SEHGAL S. See KUMAR B, 146
- SEHGAL VN: A rapid stain for the diagnosis of granuloma inguinale, (MA) 271
- SEHGAL VN, CHAUDHRY AK, GUPTA R: Autoinoculation lupus vulgaris of the perineum, 348
- SEMPLE SJG. See MILLER RF, 4
- SENEGAL
Epidemiology of *N gonorrhoeae* isolates in Dakar, 1982-1986, 107
- SERTER D. See ERTEM E, 354
- SEXUAL ASSAULT of men, (MA) 73, 175
- SEXUAL BEHAVIOUR
And HIV testing in women presenting at a genitourinary medicine clinic during the advent of AIDS, 194
Evidence for change among heterosexuals in Amsterdam, 199
Importance of ethnicity as a risk factor for STDs among heterosexuals, 378
In Ancient Greece, 59
Role of genitourinary medicine in adolescent sexuality, 44
- SEXUAL HEALTH
Promoting: Workshop report, 350
- SEXUALLY TRANSMITTED DISEASES (STD)
Declining trends in some infections in Belgium between 1983 and 1989, 374
Importance of ethnicity as a risk factor among heterosexuals, 378
In Ancient Greece, 59
In injecting drug users, 32
In rape victims, (MA) 271, 356
Seventh African Regional Conference, 351
- SHAHMANESH M. See DE SILVA Y, 37
- SHARMA VK. See KUMAR B, 47
- SINCLAIR E. See MCGOWAN I, 420
- SINGAPORE
Characterisation of PPNG and non-PPNG *N gonorrhoeae* isolates, 389
- SISCHY A, da L'EXPOSTO F, DANGOR Y, FEHLER HG, RADEBE F, WALKDEN DD, MILLER SD, BALLARD RC: Syphilis serology in patients with primary syphilis and non-treponemal sexually transmitted diseases in southern Africa, 129
- SIVAPALAN S, ROY RB: Recurrent periurethral abscess, (L) 70
- SMITH C. See QUEEN HF, 215
- SMITH DE. See KELL PD, 342
- SMITH IW. See YOUNG H, 120
- SMITH RF. See BORCHARDT KA, 149
- SNG EH. See POH CL, 389
- SOLARI G. See MASSONE L, 272
- SOLE-PLA M-A. See CHAN-CHEE C, 173
- SONNEX C, SCHOLEFIELD JH, KOCJAN G, KELLY G, WHATRUP C, MINDEL A, NORTHOVER JMA: Anal human papillomavirus infection: a comparative study of cytology, colposcopy and DNA hybridisation as methods of detection, 21
- SONNEX C. See also ROWEN D, 460
- SOUTH AFRICA
Genital ulcer disease in Durban: men, 327; women, 322
- SPACEY B. See GILL S, 15
- SPAIN
STD in homosexual males in Seville, 335
- SPARKS RA. See WHITE C, 174; WIJESURENDRA CS, 272
- SPERMICIDAL COMPOUNDS
Susceptibility of organisms associated with bacterial vaginosis, in vitro, 475
- SPIROV G: Endemic syphilis in Bulgaria, (L) 428
- SPITTLE M. See HUGHES-DAVIES L, 284
- STEVENS CE. See HILLIER SL, 26
- STOLZ E. See ENGELKENS HJH, 403
- STRASBOURG
Incidence of *N gonorrhoeae* and *C trachomatis* infections over 8 years, (L) 428
- STROOBANT A. See WALCKIERS D, 374
- SVENSSON L-O, MARES I, OLSSON S-E: Detection of *Chlamydia trachomatis* in urinary samples from women, 117
- SYPHILIS See also *TREPONEMA PALLIDUM*
And HIV infection, (L) 353
And the elderly, (L) 270, (MA) 434
Catherine the Great of Russia, 498
Endemic, in Bulgaria, (L) 428
Secondary, and artificial penile nodules: case report, 247
Serology in patients with primary syphilis and non-treponemal STD in Southern Africa, 129
Value of serum TPHA titres in selecting patients for lumbar puncture, 37
- SYRJANEN K. See HIPPELAINEN M, 291
- SYRJANEN S. See HIPPELAINEN M, 291
- TANG A. See GILL S, 15
- TARDIEU J-C. See LE FAOU AE, 428
- TATRA G. See GITSCH G, 478
- TAYLOR-ROBINSON D, THOMAS BJ: Laboratory techniques for the diagnosis of chlamydial infections, 256
- TAYLOR-ROBINSON D. See also HAY PE, 124; HILLMAN RJ, 522; TOMLINSON DR, 103
- TEENAGE GIRLS. See ADOLESCENTS
- ten KATE FJW. See ENGELKENS HJH, 403
- THIN RN: The diagnosis of prostatitis: a review, 279
- THOMAS BJ. See HAY PE, 124; TAYLOR-ROBINSON D, 256
- THOMPSON C. See YOUNG H, 120
- THOMPSON CH. See LAW CLH, 92, 464
- TIBAUX G. See DUNCAN ME, 485, 493
- TINKLER, Alfred Ernest 1910-1991, (*Obituary*) 267
- TOMLINSON DR, HILLMAN RJ, HARRIS JRW, TAYLOR-ROBINSON D: Screening for sexually transmitted disease in London-based male prostitutes, 103
- TREPONEMA PALLIDUM*. See also SYPHILIS
Analysis of false positive reactions occurring with the Captia Syph G EIA, 408
Ultrastructural aspects of infection with subspecies *pertenue* (Pariaman strain), 403
- TRICHOMONAS VAGINALIS*
Antibody in sera of infected patients is to trichomonad proteinases, 331
Diagnosing infection: evaluation of an InPouch™ TV culture method, 149
Vagina of infected women has numerous proteinases and antibody to trichomonad proteinases, 469
Vaginal antibody of patients with trichomoniasis is to a prominent surface immunogen, 220
- TUBERCULOSIS
Autoinoculation lupus vulgaris of the perineum, 348
- TURKEY
Screening for *Chlamydia trachomatis*, (L) 354
- URETHRA
Anterior: primary transitional cell carcinoma, 244
Discharge: presentation of multiple prostatic abscesses, 411
Female paraurethral ducts and glands as sites of agents of STDs, (L) 430

URETHRITIS

- Moraxella, mimicking gonorrhoea, (L) 173
 Non-gonococcal, in men: comparison of ofloxacin with oxytetracycline, (L) 520
 Non-gonococcal, in men practising "safe" sex, (L) 70
 Non-gonococcal, value of urine samples from men for the detection of *C trachomatis*, 124

URINARY RETENTION

- Neurogenic: presentation of acute infection with HIV, 345

VAGINA. *See also* CANDIDOSIS; *TRICHOMONAS VAGINALIS*

- Microbiological, epidemiological and clinical correlates of colonisation by *Mobiluncus* species, 26
 Normal flora considered as an in situ tissue-associated, adherent biofilm, 226

VAGINOSIS, BACTERIAL

- Susceptibility of organisms to spermicidal compounds, in vitro, 475

VALLS F. *See* SAVALL R, 353VAN DEN ENDE J. *See* O'FARRELL N, 322, 327

VAN DEN HOEK JAR, VAN HAASTRECHT HJA, COUTINHO RA: Homosexual prostitution among male drug users and its risk for HIV infection, 303

VAN DEN HOEK JAR. *See also* VAN HAASTRECHT HJA, 199VAN DER HEUL P. *See* ENGELKENS HJH, 403VAN DER LINDEN MMD. *See* HOOYKAAS C, 378VAN DER SLUIS JJ. *See* ENGELKENS HJH, 403VAN DER VEKEN J. *See* WALCKIERS D, 374VAN DER VELDE FW. *See* HOOYKAAS C, 378VAN DOORNUM GJJ. *See* HOOYKAAS C, 378

VAN HAASTRECHT HJA, VAN DEN HOEK JAR, COUTINHO RA: Evidence for a change in behaviour among heterosexuals in Amsterdam under the influence of AIDS, 199

VAN HAASTRECHT HJA. *See also* VAN DEN HOEK JAR, 303

VENEREOLOGISTS

- Carl Credé, 67

VINAYAGAMOORTHY S. *See* MURPHY M, 339VON KNEBEL DOEBERITZ M. *See* NAHER H, 211VUZEVSKI VD. *See* ENGELKENS HJH, 403WADE AA. *See* BARLOW M, 522

WALCKIERS D, PIOT P, STROOBANT A, VAN DER VEKEN J, DECLERCQ E: Declining trends in some sexually transmitted diseases in Belgium between 1983 and 1989, 374

WALKDEN DD. *See* SISCHY A, 129WALKER MM. *see* HILLMAN RJ, 73WALZMAN M. *See* BARLOW M, 522; DE SILVA Y, 37WANAS TM. *See* FERNANDO JJR, 153, 244WARD H. *See* QUEEN HF, 215WARTS. *See* CONDYLOMATA ACUMINATA

WAUGH MA: Syphilis and the elderly, (MA) 434

WAUGH MA. *See also* GUTHE T, 172WEINBERG M. *See* SAMRA Z, 133WELLER IVD. *See* ANDERSON J, 156WELLS M. *See* LACEY CJN, 87WESTROM R. *See* BOAG FC, 232WHATRUP C. *See* SONNEX C, 21

WHITE C, SPARKS RA: Podophyllotoxin - is it user friendly? (L) 174

WHITE C. *See also* WIJESURENDRA CS, 272WIJESURENDRA CS, WHITE C, SPARKS RA, MANUEL ARG: Is a test of cure necessary following treatment for cervical infections with *Chlamydia trachomatis*?, (MA) 272WILLCOX LM. *See* JONES BM, 475WILLMOTT C. *See* OPANEY AA, 44WODAK A. *See* ROSS MW, 32WOLF J. *See* NAHER H, 211

WOLF P, KERL H: Artificial penile nodules and secondary syphilis, 247

WOLNER-HANSEN P. *See* HILLIER SL, 26

WOMEN'S HEALTH

- Potential for better coordination of services, 215

WOODROFFE C. *See* QUEEN HF, 215WOOLLEY P. *See* LACEY H, 356YLISKOSKI M. *See* HIPPELAINEN M, 291

YOGANATHAN S, JACOBS DS: Value of performing biopsies in genitourinary clinics, (MA) 175

YOUNG H, MOYES A, LOUGH H, SMITH IW, McKENNA JG, THOMPSON C: Preliminary evaluation of "Clearview Chlamydia" for the rapid detection of chlamydial antigen in cervical secretions, 120

YOUNG H, MOYES A, ROSS JDC, MCMILLAN A: Patterns of homosexually acquired gonococcal serovars in Edinburgh 1986-90, 312

YOUNG H. *See also* ROSS J, 408YUCE K. *See* ERTEM E, 354ZAROOUR H. *See* GROB JJ, 18ZEKENG L. *See* KAPTUE L, 143

ZEMAN A, DONAGHY M: Acute infection with human immunodeficiency virus presenting with neurogenic urinary retention, 345

ZEMTSOV A, CHOKHAVATIA S: Nd: Yag laser treatment of extensive recalcitrant anal condylomata acuminata, (L) 432

ZIDOVUDINE

- Serum B₂ -microglobulin levels in asymptomatic HIV-1 infected subjects during treatment, 188

- Twice and four times daily: effects on p24 antigenaemia in CDC stage II/III patients, 15

GENITOURINARY MEDICINE

VOLUME 67 1991

Editor: A Mindel
President MSSVD: M Waugh
Hon Sec MSSVD: M Godley
Assistant Editor: C A Carne
Assistant Editor, Abstracts: C Sonnex

G Bird
L Corey
R A Coutinho
B A Evans
D J Jeffries
F Judson

C J N Lacey
J M A Lange
A G Lawrence
A Méheus
R S Pattman
P Piot

M Stanley
D Taylor-Robinson
I V D Weller
L Weström
H Young
A J Zuckerman

H zur Hausen
Editor
British Medical Journal
Technical Editor:
Kenneth Till